

A: FIRE PREVENTION BUREAU

San Diego Unit 10-year average is 510 vegetation fire starts in CAL FIRE's DPA. Excluding years 2003 & 2007 San Diego Unit suffers an average of 15,000 acres burned each year by unwanted fire starts. The greatest number of unwanted fire starts is from Debris Burning with Vehicle & Equipment combined being the second most frequent cause.

Fire Prevention Bureau works to protect lives, property and natural resources from unwanted fires by proactively investigating all Wildland fires in CAL FIRE's DPA and utilizing appropriate criminal, code enforcement, civil and administrative procedures to deter activities that lead to unwanted human caused fires. Fire Prevention Bureau also coordinates law enforcement activities with public education and information activities to educate the general public, as well as other public safety officials, of specific activities that increase fire risk and preventative measures that can be taken to eliminate or lessen the risk.

Engineering and Structure Ignitability

In terms of Engineering & Structure Ignitability, the Fire Prevention Bureau provides oversight and coordination with the following:

- Title 24 and Title 19/PRC 4290 are addressed by San Diego County (SDCo.) Department of Planning and Land Use and San Diego County Fire Authority (SDCFA) through certification of the San Diego County Consolidated Fire Code by the Board of Forestry. San Diego County fire requested and received certification in 1992 and requested and received re-certification in 2009. Requirements are met though application of State and Local ordinances that meet or exceed Title 24 & Title 19 requirements.
- Protection Planning is accomplished during the same processes outlined above by San Diego County personnel working with Fire Marshals from the various Fire Protection Districts that have overlapping boundaries on SRA.
- Defensible Space inspection around structures in the CAL FIRE's DPA is accomplished through application of Public Resources Code (PRC) 4291 or the San Diego County (SDCo.) Defensible Space Ordinance. CAL Fire staff completed an average of 12,515 inspections per year since 2007. San Diego Unit's ability to conduct inspections varies greatly from year to year due to various temporary funding sources and heavy reliance on fire suppression personnel to complete inspections
 - The San Diego County (SDCo.) Defensible Space Ordinance: In SRA that are not within a Fire Protection District and SRA within Fire Protection Districts that have adopted the SDCo. Defensible Space Ordinance and entered into cooperative agreements with SDCFA, CAL FIRE utilizes the SDCo. Ordinance to accomplish Defensible Space around structures. CAL FIRE provides the inspection workforce (personnel) to accomplish all inspections up to compliance or referral to SD County staff for code enforcement.
 - Public Resources Code 4291: In all other areas of SRA, CAL FIRE utilizes PRC 4291 and the LE-100 inspection process to accomplish defensible space requirements.
 - Public Resources Code 4291: In SRA that is within a Fire Protection District that is not in a cooperative agreement with CAL FIRE or the SDCFA, CAL FIRE staff may acknowledge concurrent enforcement of Local ordinances by the FPD as meeting Cal Fire's requirements under PRC 4291.
- Building inspections and Pre-Planning activities are accomplished by Fire Suppression personnel at the Battalion level. Each Battalion modifies its activities to meet the unique requirements

created by specific cooperative agreements and accomplishment of the State mission to prevent and suppress Wildland fires in the SRA.

Education and Information

The CAL FIRE San Diego Unit's Information and Education program utilizes Social Media (such as Twitter, Facebook, Flickr, etc.) which allows us to quickly inform, educate and update, large amount of people on Fire Dangers, Incident Information, and upcoming activities for CAL FIRE. The Education and Information section also maintains and updates a Blogspot site to post information and photographs about Emergency Incidents, Public Service Announcements, News Releases, Statewide Fire Activity and link to other agencies for additional information.

In terms of fire prevention, staff conducts education programs for schools within SRA. School programs are designed to focus on each of the targeted age groups. For example: Smokey's 5 Rules of Match Safety is designed for the K-1 aged child; the Science of Fire focuses on the 2nd-3rd grader; and the Preventing Juvenile Firesetting focuses on the older child, the 4th – 7th grader. In addition the Information and Education Program also engages in activities such as:

- CAL FIRE strategically places roadside signs in English and Spanish throughout the Unit to educate the public on: fire dangers, the need for burn permits, and other relevant fire prevention education topics. These signs serve as a daily reminder to be Fire Safe while driving in and around high fire danger areas.
- Visits the homes of juveniles aged 5-12, who have been caught or show an interest in playing with fire; and educate these children on the dangers and consequences of fire play.
- Opens and staffs the Joint Information Center for the Unit on emergency incidents, for CAL FIRE and USFS during major incidents of wildfire or other newsworthy situations. This Center provides accurate and timely information to the public through mass media outlets within San Diego, Riverside, Orange and Los Angeles Counties as well as national and worldwide coverage on incidents of a high profile nature.
- Delivers Information and Educational presentations to service groups (i.e. Kiwanis, Lyons, and Women's Clubs etc.), other groups at libraries or for homeowner associated or organizations for CAL FIRE on Fire Prevention Education topics. Participates in local community events within SRA and support backcountry residents, CERT members, and Fire Safe Councils with events, fairs, parades, etc.
- Use the VIPs to conduct Red Flag Patrol/High Fire Hazard/Holiday/Arson Patrols, during periods of high fire danger; and train the VIPs on Red Flag Patrol Procedures, Public Information, Fire Safety Education, Defensive Driving and Map Reading.
- Updates existing PowerPoint presentations to keep them current and relevant, as well as design and develop new presentations on a variety of education topics. Design and build displays, awards, and layouts. Design and construct fire prevention awareness displays for fairs and exhibits. Plan, prepare and develop new fire prevention education programs and handout materials
- Coordinates the Unit's Volunteer in Prevention (VIP) program utilizing citizen volunteers to assist with all prevention education programs and activities. To coordinate and implement the various programs and the numerous satellite VIP programs within the Unit.
- Participates with various public service agencies within the county, to network and cooperate in meetings and committees such as the Border Agency Fire Council and the Forest Area Safety Taskforce.

B: TRAINING BUREAU

The Unit Training Bureau maintains a highly active and dynamic program. Not only is the Training Bureau tasked with providing and delivering the departmental training program at the Unit level, but it is also tasked with training San Diego County Fire Authority firefighters as well. Overall, the Training Bureau delivers and coordinates training classes for nearly 1,000 firefighters (over 450 CAL FIRE permanent and seasonal personnel and nearly 500 volunteers as well). To assist with delivering and tracking of certifications for CAL FIRE personnel, the Training Bureau utilizes a web-based service – Target Safety – to deliver on-line training courses and to track certifications. Additionally, the Training Bureau coordinates and delivers the annual Wildland Fire Preparedness Exercises, the Interagency Wildland Fire Training and the Interagency Chief Officers Wildland Fire Workshop.

In terms of supporting the Unit Fire Plan, the Training Bureau provides two key functions:

- 1) Provides training to ensure all staff meet Operational Readiness, and
- 2) Provides training to support the Unit's Pre-Fire/Resource Management, Education and Prevention (PEP) programs.

In terms of meeting the Unit's Operational Readiness standards, the Training Bureau provides basic and intermediate training courses to support the entry-level firefighter through the Chief Officer/Command Staff disciplines to ensure all firefighters. Key training classes provided by the Training Bureau include: S-190, S-290, C-234 Intermediate Firing Operations and the breadth of the CAL Fire and NWCG Incident Command courses. Additionally, the Training Bureau coordinates with the Unit's Emergency Command Center and tracks the number and type of Incident Command System qualified and trainee positions within the Unit. To further Operational Readiness, the Training Bureau has set two goals:

- All fire suppression employees receives A-Faller* training/certification within two years (2011-2013) or within 2-years of employment with the department.
- All Chief Officers and Fire Captains receives CAL FIRE(C-234) Intermediate Firing Operations* training/certification.

In terms of supporting the PEP activities, the Training Bureau provides and coordinates training that integrates departmental programs. As an example, to meet the Fire Prevention Bureau's program objectives for delivering the Defensible Space program, the Training Bureau conducts and coordinates Defensible Space training for the Defensible Space Inspectors. Another example, to meet the Pre-Fire/Resource Management Division program objectives for fuels treatment and acres burned under the Vegetation Management Program, the Training Bureau conducts and coordinates live fire training under the C-234 and the Fire Control 7 (FSTEP program by the State Fire Marshal).

* Certain training courses require treating vegetation, such as the faller certification course and the firing operations courses. The Training Bureau coordinates with Pre-Fire/Resource Management Division to ensure a suitable location and the training site complies with the environmental regulations through the Vegetation Management Program (VMP) or through the California Environmental Quality Act (CEQA).

C: PRE-FIRE/RESOURCE MANAGEMENT DIVISION

CAL FIRE San Diego Unit's Pre-Fire/Resource Management Division focuses on delivering CAL FIRE's pre-fire/resource management programs to the interested parties and stakeholders in San Diego. The intent is to create a resilient natural environment, which can sustain impacts from natural disturbances; such as wildfire, insect and disease outbreaks, weather events, and other disturbances for the protection of people, property and the natural resources. By integrating technical forestry and resource management services with fire suppression objectives, the Pre-Fire/Resource Management Division produces high quality products and services while delivering prompt, courteous customer services. Activities and services are:

- Develop and implement a clear, concise strategic plan – San Diego Unit's Strategic Pre-Fire/Resource Management Plan - which integrates pre-fire objectives with resource management concepts through the utilization of the State Fire Plan and Resource Management Programs.
- Support the department's fire suppression mission through preparedness, training, and communication.
- Support the department's natural resource mission to protect the people, property, and resources of the state.
- Coordinate and collaborate with other agencies, organizations and citizens groups to promote fire safety and environmental/resource awareness.
- Elevate and enhance public awareness and information of fire safety and environmental/resource protection through the application the Unit's Strategic Pre-Fire/Resource Management Plan
- Ensure the public that tree harvesting (logging) on private forested lands comply with the California Forest Practice Act
- Serve as the Unit's Environmental Coordinator and ensure the compliance with the environmental regulations and the California Environmental Quality Act (CEQA).

Pre-Fire/Resource Management Division is actively engaged in implementing the Hazardous Fuels Treatment (HFT) grant projects; provides leadership in the emerging Goldspotted Oak Borer issue and coordinating with federal, state, county and city agencies; partners with the Cuyamaca Rancho State Park on a reforestation project; plans and implements the Vegetation Management Program at the Unit level; provides environmental review for the truck trail and infrastructure maintenance program; and provides oversight for the Kuchamaa Experimental Forest (Wentz Demonstration State Area) for cultural protection. See Appendix A for the list of projects.

Activities associated with the Pre-Fire/Resource Management Staff:

<ul style="list-style-type: none"> • Resource Management Activities ○ Forest Practice Enforcement ○ Vegetation Management Program ○ CFIP and related programs ○ Service Forestry ○ Environmental Coordinator ○ Reforestation, Cone Collection and Planting ○ Pest management ○ Forest Health/Fuels Reduction Grant ○ Emergency Watershed Protection ○ State Forest Land Manager ○ Forest Practice Committee • Pre-Fire Management Activities ○ Unit Pre-fire Plan ○ PRC 4291 Guideline Interpretation ○ Fire Defense Improvement Database Project ○ Fire Hazard, History, SRA GIS mapping ○ Review outside agencies Fire Mgt Plans ○ Fuel Moisture Monitoring Program ○ Micro RAWS Weather Coordinator ○ State Fire Assistance Grant 	<ul style="list-style-type: none"> • Unit Activities ○ Member of the Unit's Executive Team ○ Bi-national Resource Management Planning ○ Border Agency Fire Council Nat Res Committee ○ CAL FIRE/Mexico issues & training ○ SDGE- Sunrise Powerlink Fire Mitigation Group ○ Outreach Services ○ Fire Safe Councils Support ○ Firewise Community Coordination ○ Grant Application and Administration ○ FAST member and FAST Core Group ○ RAST Member ○ So Cal Watershed Fire Council ○ Cuyamaca State Park's Reforestation Project • Fire Suppression Support ○ Chief Officer Coverage ○ Incident assignments • Departmental Program Support ○ Coordinate with the Archaeology Program ○ Coordinate with the Urban Forestry Program ○ Coordinate services with area and region offices
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